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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**September 19, 2003**

## INFORMATION DISCLOSURE STATEMENT

**U.S. Patent No. 4,891,710**  
**U.S. Patent No. 5,805,738**  
**U.S. Patent No. 6,330,075**  
**Japan 6-66876**  
**Japan 7-22334**  
**Japan 7-93682**  
**Japan 11-146201**  
**Japan 9-179974**  
**Japan 5-075863**

**R. Floyd, et al., "An Adaptive Algorithm for Spatial Grey Scale", Society for Information Display, 1975, pp-36.**

**It is noted that U.S. Patent 4,891,170 is an English language counterpart for each of Japan 6-66876, Japan 7-22334 and Japan 7-93682, and U.S. Patent No. 5,805,738 is an English language counterpart for Japan 9-179974.**

**An English language translation has been obtained for the document Japan 5-075863 and is enclosed for the Examiner's consideration.**

**English-language abstracts for each of the foregoing Japanese documents have been located and are enclosed for the Examiner's consideration. In addition, the foregoing Japanese documents are discussed in the specification and might be deemed pertinent for the reasons given there.**

**The concise explanation of relevance for each of the non-English language documents is believed to be satisfied by any of the English language abstracts, the discussion of relevance provided in the specification, the English language counterparts, and the English language translation. See MPEP § 609.**

**Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449 and returning the initialed form to Applicant with the next communication.**

Applicant's undersigned attorney may be reached in our Costa Mesa,  
California office at (714) 540-8700. All correspondence should continue to be directed to  
our below-listed address.

Respectfully submitted,

  
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| FORM PTO 1449 (modified)<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>LIST OF REFERENCES CITED BY APPLICANT(S)<br>(Use several sheets if necessary) |   |          |                 | ATTY DOCKET NO.<br><b>00862.023127.</b> |          | APPLICATION NO.<br><b>10/611,948</b>  |  |
|---|---|----------|-----------------|---|----------|---|--|
| APPLICANT<br><b>HISASHI ISHIKAWA</b>  |   |          |                 | FILING DATE<br><b>July 3, 2003</b>      |          | GROUP<br><b>N/Y/A</b>   |  |
| U.S. PATENT DOCUMENTS   |   |          |                 |   |          |   |  |
| EXAMINER<br>REF.  | DOCUMENT<br>NUMBER  | DATE     | NAME            | CLASS                                   | SUBCLASS | FILING DATE<br>IF APPROPRIATE   |  |
|   | 4,891,710   | 01/02/80 | Nakazato et al. | 358                                     | 443      |   |  |
|   | 5,805,738   | 09/08/98 | Kaburagi et al. | 382                                     | 251      |   |  |
|   | 6,330,075   | 12/11/01 | Ishikawa        | 358                                     | 1.9      |   |  |
|   |   |          |                 |   |          | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">           RECEIVED<br/>           MAR 03 2004<br/>           Technology Center 2100         </div> |  |
| FOREIGN PATENT DOCUMENTS  |   |          |                 |   |          |   |  |
|   | DOCUMENT<br>NUMBER  | DATE     | COUNTRY         | CLASS                                   | SUBCLASS | TRANSLATION<br>YES/NO/<br>OR ABSTRACT   |  |
|   | JP 6-66876  | 08/24/94 | Japan           |   |          | Abstract  |  |
|   | JP 7-22334  | 03/08/95 | Japan           |   |          | Abstract  |  |
|   | JP 7-83682  | 10/08/95 | Japan           |   |          | Abstract  |  |
|   | JP 11-146201  | 05/28/99 | Japan           |   |          | Abstract  |  |
|   | JP 9-179974   | 07/11/97 | Japan           |   |          | Abstract  |  |
|   | JP 5-075863   | 03/26/93 | Japan           |   |          | Translation   |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |   |          |                 |   |          |   |  |
|   | R. Floyd, et al., "An Adaptive Algorithm for Spatial Grey Scale", Society for Information Display, 1975, pp-36. |          |                 |   |          |   |  |
|   |   |          |                 |   |          |   |  |
|   |   |          |                 |   |          |   |  |
| EXAMINER  |   |          |                 | DATE CONSIDERED                         |          |   |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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